

<211> 19

SEQUENCE LISTING

```
<110>
      Bee, Gary
      Kohne, David E.
      Korb, Linda
      Peterson, Todd
      Yguerabide, Juan
<120> Assay for Genetic Polymorphisms Using Scattered Light Detectable
      Labels
<130> 11032-017-999
<140> 09/880,732
<141> 2001-06-12
<150> 60/210,988
<151> 2000-06-12
<160> 69
<170> PatentIn version 3.2
<210>
      1
<211> 20
<212> DNA
<213> artificial
<220>
      description of artificial sequence: primer
<223>
<400> 1
                                                                      20
ctcggcccct gcactgtttc
<210>
<211>
      21
<212> DNA
<213> artificial
<220>
      description of artificial sequence: primer
<223>
<400> 2
                                                                      21
gctttgtcca agagaccgtt g
<210> 3
<211> 23
<212> DNA
<213> artificial
      description of artificial sequence: primer
<223>
<400> 3
                                                                      23
ctcggaagag caggatttgc gta
<210> 4
```

```
<212> DNA
<213> artificial
<223> description of artificial sequence: primer
<400> 4
                                                               19
cctgacccag ctggatgag
<210> 5
<211> 20
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 5
cttccctgag tgcaaaggcg
                                                               20
<210> 6
<211> 22
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 6
                                                                22
gctaactgag cacaggatga cc
<210> 7
<211> 52
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
                                                                52
gctaactgag cacaggatga ccaaaaaaaa aaaaaaaaa aaaaaaaaa aa
<210> 8
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
                                                                51
<210> 9
<211> 50
<212> DNA
```

```
<213> artificial
<220>
<223> description of artificial sequence: primer
<400>
                                                      50
<210> 10
<211> 21
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 10
                                                      21
gctaactgag cacggatgac c
<210> 11
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 11
                                                      51
<210> 12
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 12
                                                       51
<210> 13
<211> 49
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 13
                                                       49
ctaactgagc acggatgaca aaaaaaaaaa aaaaaaaaa aaaaaaaaa
<210> 14
<211> 51
<212> DNA
```

<213> artificial

```
description of artificial sequence: primer
<223>
<400> 14
51
<210> 15
<211> 50
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
                                                          50
<210> 16
<211> 17
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 16
                                                          17
cgtcctgggg gtgggag
<210> 17
<211> 17
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 17
                                                          17
ctcccaccc caggacg
<210> 18
<211> 17
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 18
                                                          17
ctcccaccc caagacg
<210> 19
<211> 17
<212> DNA
<213> artificial
```

```
<220>
<223> description of artificial sequence: primer
<400> 19
                                                                     17
cgtcttgggg gtgggag
<210> 20
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 20
cccttacccg catctcccac ccccaggacg cccctttcgc cccaacggtc t
                                                                     51
<210> 21
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 21
cccttacccg catctcccac ccccaagacg cccctttcgc cccaacggtc t
                                                                     51
<210> 22
<211> 17
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 22
                                                                     17
gaaaggggcg tcctggg
<210> 23
<211> 47
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 23
                                                                     47
gaaaggggcg tcctgggaaa aaaaaaaaaa aaaaaaaaa aaaaaaa
<210> 24
<211> 17
<212> DNA
<213> artificial
<220>
```

```
<223> description of artificial sequence: primer
<400> 24
                                                                     17
cccaagacgc ccctttc
<210> 25
<211> 47
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
cccaagacgc ccctttcaaa aaaaaaaaaa aaaaaaaa aaaaaaa
                                                                     47
<210> 26
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
                                                                     51
cccttacccg catctcccac ccccaggacg cccctttcgc cccaacggtc t
<210> 27
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 27
                                                                     51
cccttacccg catctcccac ccccaagacg cccctttcgc cccaacggtc t
<210> 28
<211> 22
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 28
gcagagatgg agaaggtgag ag
                                                                     22
<210> 29
<211> 52
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 29
                                                  52
<210> 30
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 30
51
<210> 31
<211> 21
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 31
                                                  21
gcagagatgg aggtgagagt g
<210> 32
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 32
                                                  51
<210> 33
<211> 50
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 33
                                                  50
<210> 34
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 34
                                                                     51
caccgtggca gccactctca ccttctccat ctctgccagg aaggcctcag t
<210> 35
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 35
caccgtggca gccactctca cctccatctc tgccaggaag gcctcagt
                                                                     48
<210> 36
<211> 19
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 36
                                                                     19
cggatgtagg atcatgagc
<210> 37
<211> 49
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 37
cggatgtagg atcatgagca aaaaaaaaaa aaaaaaaaa aaaaaaaaa
                                                                     49
<210> 38
<211> 19
<212> DNA
<213> artificial
<220>
      description of artificial sequence: primer
<223>
<400> 38
                                                                     19
gctcatgatc ctacctccg
<210> 39
<211> 49
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 39
                                                                     49
gctcatgatc ctacctccga aaaaaaaaaa aaaaaaaaa aaaaaaaaa
<210> 40
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 40
tggggcctcc tgctcatgat cctacatccg gatgtgcagc gtgagcccat c
                                                                     51
<210> 41
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
                                                                     51
tggggcctcc tgctcatgat cctacctccg gatgtgcagc gtgagcccat c
<210> 42
<211> 19
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 42
                                                                     19
ctgcacatcc ggatgtagg
<210> 43
<211> 19
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 43
                                                                     19
cctacatccg gatgtgcag
<210> 44
<211> 19
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 44
                                                                19
cctacctccg gatgtgcag
<210> 45
<211>
      19
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 45
ctgcacatcc ggaggtagg
                                                                19
<210> 46
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 46
                                                                51
tggggcctcc tgctcatgat cctacatccg gatgtgcagc gtgagcccat c
<210> 47
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 47
                                                                51
tggggcctcc tgctcatgat cctacctccg gatgtgcagc gtgagcccat c
<210> 48
<211> 48
<212> DNA
<213> artificial
<220>
      description of artificial sequence: primer
<223>
<400> 48
                                                                48
<210> 49
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 49
ccatcaccca ccggagtgaa aaaaaaaaaa aaaaaaaaa aaaaaaaa
                                                                48
<210> 50
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 50
                                                                48
<210> 51
<211> 50
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
                                                                50 .
gtgccgcctt cgccactccg gtgggtgatg ggcagaaggg cacaaagcgg
<210> 52
<211> 51
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
gtgccgcctt cgccactcct gtgggtgatg ggcagaaggg cacaaagcgg g
                                                                51
<210> 53
<211> 18
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 53
                                                                 18
gctggagcag tgggtgac
<210> 54
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 54
                                                                    48
gctggagcag tgggtgacaa aaaaaaaaaa aaaaaaaaa aaaaaaaa
<210> 55
<211> 47
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 55
ctggagcagt gggtgacaaa aaaaaaaaa aaaaaaaa aaaaaaa
                                                                    47
<210> 56
<211> 17
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 56
                                                                    17
gctggagcag gggtgac
<210> 57
<211> 47
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 57
gctggagcag gggtgacaaa aaaaaaaaa aaaaaaaa aaaaaaa
                                                                    47
<210> 58
<211> 46
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 58
ctggagcagg ggtgacaaaa aaaaaaaaaa aaaaaaaa aaaaaa
                                                                    46
<210> 59
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 59
                                                            48
gggcaagaag tcgctggagc agtgggtgac cgaggaggcc gcctgcct
<210> 60
<211> 47
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 60
                                                            47
gggcaagaag tcgctggagc aggggtgacc gaggaggccg cctgcct
<210> 61
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 61
                                                            48
gaccaggggg agcataggaa aaaaaaaaaa aaaaaaaaa aaaaaaaa
<210> 62
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
48
<210> 63
<211> 48
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 63
                                                            48
<210> 64
<211> 49
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```

```
<400> 64
                                                           49
<210> 65
<211>
     37
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 65
                                                           37
gggagaccag ggggagcata gggttggagt gggtggt
<210> 66
<211> 38
<212> DNA
<213> artificial
<223> description of artificial sequence: primer
<400> 66
                                                            38
gggagacctt gtggagcgcc agggttggag tgggtggc
<210> 67
<211> 37
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
                                                            37
gggagaccag gaaaagcaca gggttggagt gggcggc
<210> 68
<211> 49
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
<400> 68
                                                            49
<210> 69
<211> 49
<212> DNA
<213> artificial
<220>
<223> description of artificial sequence: primer
```